

430 Rm'd PCT/PTO 13 DEC 1999
09/445803

Attorney's Docket No.: TUL2AUSA

TRANSMITTAL LETTER TO THE U.S. ELECTED OFFICE
(EO/US) - ENTRY INTO NATIONAL STAGE UNDER 35 USC 371

PCT/US98/13551

Int'l Application No.

June 29, 1998

Int'l Filing Date

June 30, 1997

Priority Date Claimed

SURFACE ANTIGENS AND PROTEINS USEFUL IN COMPOSITIONS FOR
THE DIAGNOSIS AND PREVENTION OF LYME DISEASE

Title of Invention

Mario T. Philipp

Applicant(s) for EO/US

Box PCT
Assistant Commissioner for Patents
Washington, DC 20231
Attn: EO/US

Sir:

Applicant herewith submits to the United States Elected Office
(EO/US) the following items under 35 USC 371:

- (1) This express request to immediately begin national examination procedures (35 USC 371(f)).
- (2) A copy of the cover sheet for the published International Application along with a copy of the specification: 81 pages, including 65 claims (10 pages), 6 sheets of figures, 9 pages of Sequence Listing, and a copy of the 5 page International Search Report.
- (3) A copy of the 4 page Request form.
- (4) A First Preliminary Amendment.
- (5) Our check in the amount of \$1,248.00, covering the basic national fee as set forth in 37 CFR 1.492(a)(5) based on the claims remaining after entry of the first Preliminary Amendment (21 total claims; 8 independent; and no multiple dependents).

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- (6) A Second Preliminary Amendment.
- (7) Our check in the amount of \$822.00, covering the extra claim fees after entry of the second Preliminary Amendment (58 total claims; 10 independent; and no multiple dependent).
- (8) An executed Combined Declaration and Power of Attorney form.
- (9) A 9 page Sequence Listing (provided in the specification).
- (10) A 3.5" computer-readable diskette. This sequence listing is identical to the sequence listing submitted in PCT/US98/13551, which was fully compliant with the requirements of §§1.821 through 1.825. Access to that application sequence listing is hereby authorized.
- (11) A 1 page Statement under 37 CFR §1.821(f).

Copies of the following items are also enclosed:

- (12) Copy of 3 page Demand for International Preliminary Examination.
- (13) Copy of the 8 page Written Opinion.
- (14) Copy of the 10 page International Preliminary Examination Report.

Please charge any additional fees which may be required to effect entry into the National Phase and credit any overpayments to our deposit account 08-3040.

Please direct all communications concerning this application to the undersigned.

Respectfully submitted,
HOWSON AND HOWSON
Attorneys for the Applicants

By Mary E. Bak
Mary E. Bak
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Spring House, PA 19477
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AMENDMENT TRANSMITTAL LETTER				Docket No. TUL2AUSA
Serial No.:	Filing Date: Herewith	Examiner:	Group Art Unit:	
Inventor(s): Mario T. Philipp				
Title: SURFACE ANTIGENS AND PROTEINS USEFUL IN COMPOSITIONS FOR THE DIAGNOSIS AND PREVENTION OF LYME DISEASE				

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

- Small entity status of this application under 37 CFR 1.27 has been established by a verified statement previously submitted.
- A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- No additional fee is required.
- The fee has been calculated as shown below:

	(1)	(2)	(3)
	Claims Remain After Amend.	Highest Previously Paid for	Present Extras
Total	58	** 21	37
Ind. 10 - *** 8 2			
First Presentation of Multi. Dep. Claim			

Small Entity	
Rate	Addtl. Fee
x 9=	\$
x 39=	\$
+ 130=	\$
Total	\$

Large Entity	
Rate	Addtl. Fee
x 18=	\$ 666
x 78=	\$ 156
+260=	\$ 0
Total	\$ 822

* If the entry in Col. 1 is less than the entry in Col. 2 write "0" in Col. 3

** If the "Highest No. Previously Paid For" in this space is less than 20, enter "20".

*** If the "Highest No. Previously Paid For" in this space is less than 3, enter 3

- Please charge my Deposit Account No. 08-3040 in the amount of \$
- A Check in the amount of \$ 822.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-3040. A duplicate copy of this sheet is enclosed.
 - Any additional filing fee required under 37 CFR 1.16
 - Any patent application processing fees under 37 CFR 1.17.

Date December 13, 1999Signature Mary E. Bak
Mary E. Bak, Reg. No. 31,215Express Mail No. EK009002064US

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TUL2AUSA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of) Group Art Unit:
)
Mario T. Philipp) Examiner:
)
Appln. No.)
)
Filed: Herewith)
)
For: SURFACE ANTIGENS AND PROTEINS) December 13, 1999
 USEFUL IN COMPOSITIONS FOR THE)
 DIAGNOSIS AND PREVENTION OF)
 LYME DISEASE)

Asst. Commissioner for Patents
Washington, DC 20231

STATEMENT PURSUANT TO 37 CFR §1.821(f)

Sir:

Pursuant to the duty to submit DNA and amino acid sequence in computer readable form, this affirms that to the best of my knowledge and belief the content of the SEQUENCE LISTING as provided in the above-identified patent application and the computer readable copy of said SEQUENCE LISTING provided herewith are the same. The Commissioner is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fee to our Deposit Account No. 08-3040.

Respectfully submitted,
HOWSON AND HOWSON
Attorneys for the Applicants

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